

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:
Stephen A. FACTOR, et al

)
)
Application Number: 10/721,156
)
File: November 25, 2003
)
For: Mixed Metal Catalyst Additive and Method for Use
In Hydrocarbonaceous fuel Combustion System
)

Confirmation No.: 5545

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class U.S. Mail on **July 19, 2004** with sufficient postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Beth Earnest

Beth Earnest

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Transmitted herewith are the following in the subject application:

- Information Disclosure Statement (no fee)
- Form PTO/SB/08A listing 15 references and attaching 6 references
- Return Postcard (attached hereto, but not stapled)

It is believed that there are no fees associated with this filing. However, in the event the calculations are incorrect, the Commissioner is authorized to charge any deficiencies in fees or credit any overpayment associated with this communication to Deposit Account No. 05-1372. This paper is submitted in duplicate.

Respectfully submitted,

Leah Oubre Robinson

Leah Oubre Robinson, Reg. No. 44,990

330 South Fourth Street
Richmond, VA 23219
Phone: 804-788-5498; FAX: 804-788-5519

Date: July 19, 2004



IDS
U.S. Application No. 10/721,156
Attorney Docket No. EI-7615

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For: Mixed Metal Catalyst Additive)
and Method for Use in)
Hydrocarbonaceous Fuel Combustion)
System)

Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

Sir:

Pursuant to the duty of disclosure, Applicants submit herewith information which may be material to the examination of the above-captioned application.

Specifically, the information comprises references that have become known to Applicants and their attorneys. Those references are listed on the enclosed form PTO/SB/08A. Listed foreign patent documents and non-patent literature documents are enclosed.

It is respectfully requested that these references be fully considered in their entirety, and that the references be made of record in the above-captioned application. It is also respectfully requested that the Examiner initial in the appropriate area on the enclosed Form PTO/SB/08A, thereby indicating the Examiner's consideration of each of the references.

Fees

As this Information Disclosure Statement is submitted before the date of a first Office Action on the merits, it is believed that no fees are due. However, in the event the calculations are

IDS
U.S. Application No. 10/721,156
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incorrect, the Commissioner is authorized to charge any deficiencies in fees or credit any overpayment associated with this communication to Deposit Account No. 05-1372.

Conclusion

It is believed that all provisions of 37 CFR 1.97 have been complied with, and consideration of these references is most respectfully requested.

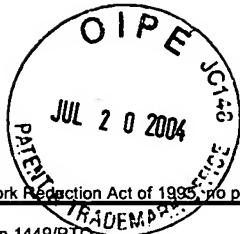
Respectfully Submitted,



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Phone: 804-788-5498
FAX: 804-788-5519

Date: **July 19, 2004**



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/721,156
		Filing Date	November 25, 2003
		First Named Inventor	Stephen A. FACTOR, et al.
		Art Unit	Unassigned; Conf. No.: 5545
		Examiner Name	Unassigned
		Attorney Docket Number	EI-7615
Sheet	1	of	2

U. S. PATENT DOCUMENTS

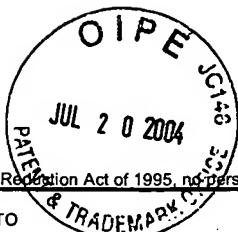
FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

2

<i>Complete if Known</i>	
Application Number	10/721,156
Filing Date	November 25, 2003
First Named Inventor	Stephen A. FACTOR, et al.
Art Unit	Unassigned; Conf. No.: 5545
Examiner Name	Unassigned
Attorney Docket Number	EI-7615

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		DOBBINS et al., "The Evolution of Soot Precursor Particles in a Diffusion Flame," Combustion and Flame, 115, pp 285-298 (1998).	
		VANDER WAL et al., "Soot Oxidation: Dependence Upon Initial Nanostructure," Combustion and Flame, 134, pp 1-9, (2003).	
		HAYNES et al., "The Effect of Metal Additives on the Formation of Soot in Premixed Flames," 17th Symposium on Combustion, pp 1365-1374, The Combustion Institute 1979.	
		HOWARD et al., "Soot Control by Fuel Additives," Prog. Energy Combust. Sci., Vol. 6, pp 263-276, Pergamon Press Ltd. 1980.	
		COTTON et al., "The Suppression of Soot Emissions From Flames by Metal Additives," Combustion and Flame, 17, p. 87 (1971).	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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